



## SAFETY DATA SHEET

Safety Data Sheet according to Regulation (EC) No. 1272/2008 (CLP/GHS)

Date of Revision: 02-September-2021

### Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1. Product identifier

Product Name	Dicamba 98% TC
CAS No.	1918-00-9
EC No.	217-635-6

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended Use	Herbicide; Laboratory Chemicals; Manufacture of Substances
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#### 1.3. Details of the supplier of the safety data sheet

Supplier Address	Cropnosys India Pvt Ltd Plot No. 5303, GIDC Estate, Phase IV, District: Valsad Vapi- 396195, Gujarat, INDIA
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Tel No.	Tel: +91 22 652 26797
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For further information, please contact

Email address	info@cropnosysindia.com
Website	www.cropnosysindia.com

#### 1.4. Emergency telephone number

Emergency Telephone	+91 22 652 26797
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### Section 2: HAZARD IDENTIFICATION

#### 2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [EU-GHS/CLP]

Acute toxicity, oral	Category 4 - (H302)
Serious eye damage or eye irritation	Category 1 - (H318)
Hazardous to the aquatic environment	Category 3 - (H412)

For the full text of the H-Statements mentioned in this Section, see Section 16.

## 2.2. Label elements

Labeling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms



Signal Word

Danger

Hazard Statements

H302 - Harmful if swallowed  
 H318 - Causes serious eye-damage  
 H412 - Harmful to aquatic life with long lasting effects

Precautionary Statements

P264 - Wash hands thoroughly after handling  
 P270 - Do not eat, drink or smoke when using the product  
 P273 - Avoid release to the environment  
 P280 - Wear protective gloves/protective clothing/ eye protection/ face protection  
 P310 - Immediately call a POISON CENTRE/doctor if you feel unwell.  
 P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing  
 P501 - Dispose of contents/ container to a licensed hazardous-waste disposal contractor or collection site except for empty clean containers which can be disposed of as non-hazardous waste

## 2.3. Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

## Section 3: COMPOSITION/ INFORMATION ON INGREDIENTS

Chemical Name	CAS No	EC No	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Concentration
Dicamba 98% Technical*	1918-00-9	217-635-6	Acute Tox, oral 4 (H302) Eye Dam. 1 (H318) Aquatic Chronic 3 (H412)	98.0% Min

\*Synonym: 3,6-Dichloro-o-anisic acid

\*Molecular Formula: C<sub>8</sub>H<sub>6</sub>Cl<sub>2</sub>O<sub>3</sub>

Substances for which there are Community workplace exposure limits.  
 For the full text of the H-Statements mentioned in this Section, see Section 16.

## Section 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

General advice	Consult a physician. Show this safety data sheet to the doctor in attendance.
Inhalation	Move the victim to fresh air. If breathing is irregular or stopped, administer artificial respiration. Keep patient warm and at rest. Call a physician or poison control centre immediately.
Skin Contact	Take off all contaminated clothing immediately. Wash off immediately with plenty of water. If skin irritation persists, call a physician. Wash contaminated clothing before re-use.
Eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses. Immediate medical attention is required.
Ingestion	If swallowed, seek medical advice immediately and show this container or label. Do <b>NOT</b> induce vomiting: contains petroleum distillates and/or aromatic solvents.

### 4.2. Most important symptoms and effects, both acute and delayed

Symptoms	Described in labelling (see section 2.2.) and/or in section 11.
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### 4.3. Indication of any immediate medical attention and special treatment needed

Treatment	There is no specific antidote. Treat symptomatically.
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## Section 5: FIRE-FIGHTING MEASURES

### 5.1. Extinguishing media

Extinguishing media - small fires Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.  
Extinguishing media - large fires Use alcohol-resistant foam or water spray. Do not use a solid water stream as it may scatter and spread fire.

### 5.2. Special hazards arising from the substance or mixture

Carbon oxides, Hydrogen chloride gas

### 5.3. Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

### 5.4. Further information

No data available

## Section 6: ACCIDENTAL RELEASE MEASURES

### 6.1. Personal precautions, protective equipment and emergency procedures

Wear respiratory protection. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.

### 6.2. Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not flush into surface water or sanitary sewer system.

### 6.3. Methods and material for containment and cleaning up

Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). If the product contaminates rivers and lakes or drains inform respective authorities.

### 6.4. Reference to other Sections

Refer to protective measures listed in sections 7 and 8.

Refer to disposal considerations listed in section 13.

## Section 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

No special protective measures against fire required. Avoid contact with skin and eyes. Avoid appropriate exhaust ventilation at places where dust is formed. When using do not eat, drink or smoke. For precautions see section 2.2.

### 7.2. Conditions for safe storage, including any incompatibilities

Store in cool place. Keep container tightly closed in a dry and well-ventilated place.  
Recommended Storage Temperature: 2-8 °C

### 7.3. Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

## Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

Components with workplace control parameters.

### 8.2. Exposure controls

#### Engineering measures

Handle in accordance to general industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Personal protective equipment	Immediately change contaminated clothing. Apply preventive skin protection. Wash hands and face after working with the product. Complete suit protecting against chemicals.
Respiratory protection	Air-purifying respirators.
Hand protection	Chemical resistant gloves are not usually required. Select gloves based on the physical job requirements.
Eye/face protection	Face shield and safety goggles.
Skin and body protection	Handle with gloves. Complete suit protecting against chemicals.
Environment exposure controls	Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

Appearance	White to tan or grey crystals or powder
Odour	No data available
Odour Threshold	No data available
pH	No data available
Melting point/range	112-116 °C - lit
Boiling point/range	No data available
Flash point	No data available
Upper/lower flammability or explosive limits	No data available
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Lower explosion limit	No data available
Upper explosion limit	No data available
Vapour pressure	No data available
Relative density	No data available
Water solubility	No data available
Partition Coefficient n-octanol /water	No data available
Autoignition temperature	No data available
Decomposition temperature	No data available
Oxidizing properties	Not oxidizing
Thermal decomposition	No data available
Viscosity	No data available
Vapour density	No data available
Explosive properties	Not explosive
Oxidizing properties	No data available

### 9.2. Other information

No data available

## Section 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

No information available

### 10.2. Chemical stability

Stable under recommended storage conditions.

### 10.3. Possibility of hazardous reactions

No information available.

### 10.4. Conditions to avoid

No information available

### 10.5. Incompatible materials

Strong oxidizing agents.

### 10.6. Hazardous decomposition

Hazardous decomposition products formed under fire conditions - Carbon oxides, Hydrogen Chloride gas

Other decomposition products - no data available

In the event of fire - refer section 5

## Section 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

Acute oral toxicity	LD50 Oral - Rat - 1,039 mg/kg (Dicamba) LD50 Dermal - Rabbit -> 2,000 mg/kg (Dicamba)
Skin corrosion/irritation	No data available (Dicamba)
Serious eye damage/eye irritation	No data available (Dicamba)
Respiratory or skin sensitisation	No data available (Dicamba)
Germ cell mutagenicity	Histidine reversion (Ames) (Dicamba) Rat (Dicamba) Lymphocyte Unscheduled DNA synthesis (Dicamba) Rat DNA damage (Dicamba) Mouse Cytogenetic analysis
Carcinogenicity	IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
Reproductive toxicity	No data available (Dicamba)
Specific target organ toxicity	
- Single exposure	No data available (Dicamba)
- Repeated exposure	No data available
Aspiration hazard	No data available
Additional information	RTECS: DG7525000

## Section 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity

Toxicity to fish	LC50 - Oncorhynchus mykiss (rainbow trout) - 28 mg/l - 96.0 h (Dicamba)
Toxicity to daphnia & other aquatic invertebrates	EC50 - Daphnia magna (Water flea) - 96.8mg/l - 48.0 h (Dicamba)

### 12.2. Persistence and degradability

No data available

### 12.3. Bioaccumulative potential

No data available

### 12.4. Mobility in soil

No data available (Dicamba)

### 12.5. PBT and vPvB assessment

PBT and vPvB assessment not available  
Chemical safety assessment is not required

### 12.6. Other adverse effects

Harmful to aquatic life with long lasting effects.

## Section 13: DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment methods

Product	Offer surplus and non-recyclable solutions to a licensed disposal company. Dissolve or mix the material with a combustible solvent and burn in chemical incinerator equipped with an afterburner and scrubber.
Contaminated packaging	Dispose of as unused product.

## Section 14: TRANSPORT CONSIDERATIONS

### ADR/RID/ADN

14.1	UN number	3077
14.2	Proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.
14.3	Transport hazard class(es)	9
14.4	Packing group	III
14.5	Environmental Hazards	Environmentally hazardous

### IMDG

14.1	UN number	3077
14.2	Proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.
14.3	Transport hazard class(es)	9
14.4	Packing group	III
14.5	Environmental Hazards	Marine Pollutant

**IATA**

14.1	UN number	3077
14.2	Proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.
14.3	Transport hazard class(es)	9
14.4	Packing group	III

**14.6 Special precautions for user**

None

**14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code**

No transport in bulk according to the IBC Code.

**Section 15: REGULATORY INFORMATION****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

Labeling according to Regulation (EC) No. 1272/2008 [CLP/GHS]

**Hazard pictograms****Signal word**

Danger

**Hazard Statements**

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**Precautionary Statements**

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**15.2 Chemical Safety Assessment**

A Chemical Safety Assessment is not required for this substance.



**Section 16: OTHER INFORMATION**

Text of the hazard statements mentioned in Section 3

**Further information**

Full text of H-Statements referred to under sections 2 and 3.

H302	Harmful if swallowed
H318	Causes serious eye damage
H412	Harmful to aquatic life with long lasting effects
Acute Tox. Oral 4	Acute toxicity, oral, Category 4
Eye Dam. 1	Serious eye damage or eye irritation, Category 1
Aquatic Chronic 3	Hazardous to the aquatic environment, long term hazard, Category 3

**Revision Note**

\*\*\* -Change from previous version.

The material safety data sheet complies with the requirements of Regulation (EC) No. 1272/2008  
[CLP/GUH]

**Disclaimer**

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet

